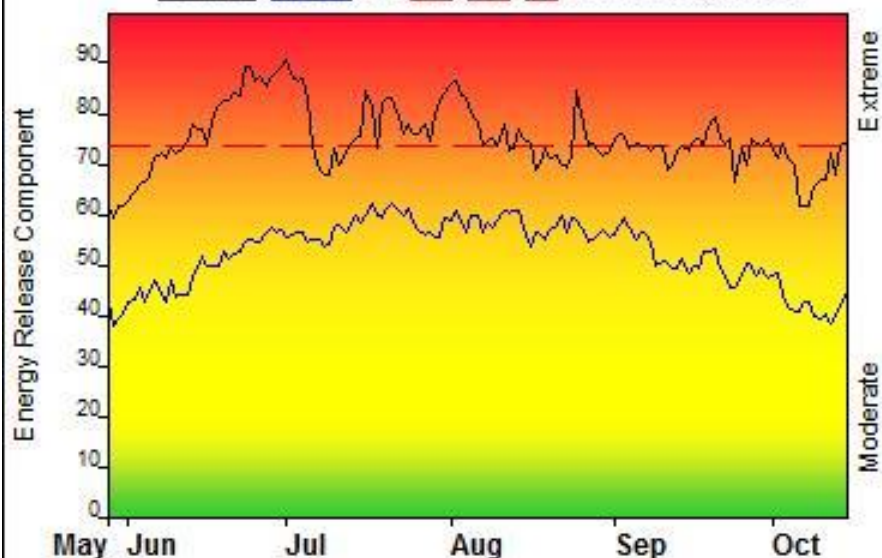


## FIRE DANGER -- East High Desert District

Maximum, Average, and 95th Percentile, based on 15 years data



## Fire Danger Area:

- ◆ East High Desert District
- ◆ 303, 304, 306, 308, 309,
- ◆ 482011, 482105, 482106
- \* Meets NWCG Wx Station Standards

## Fire Danger Interpretation:

- EXTREME** -- Use extreme caution
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 2003 - 2017

Average -- shows peak fire season over 15 years (2113 observations)

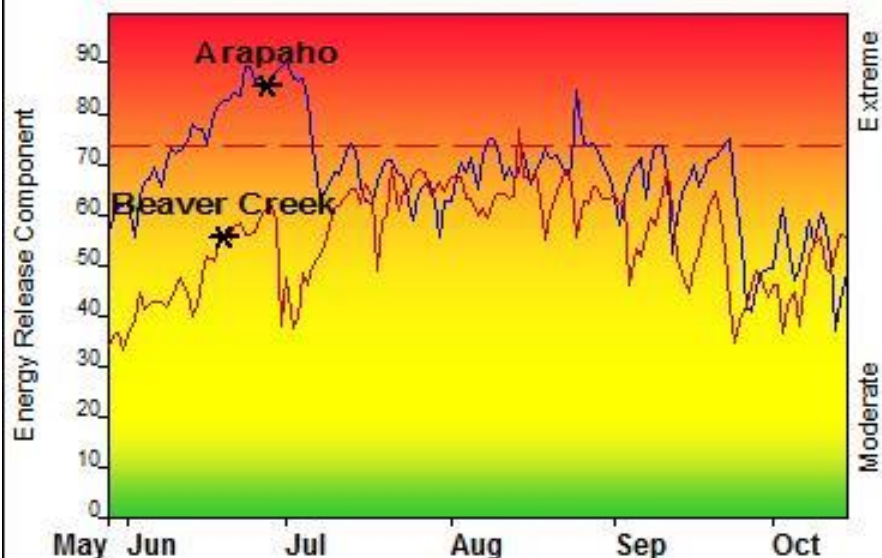
95th Percentile -- 5% of the 2113 days from 2003 - 2017 had an Energy Release Component above 73

## Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:

- 20' Wind Speed over 15 mph, RH less than 20%,
- Temperature over 80, Energy Release Component over 70

## Years to Remember: 2012 2016



Fuel Model: G - Short-Needle (Heavy Dead)

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

## Past Experience:

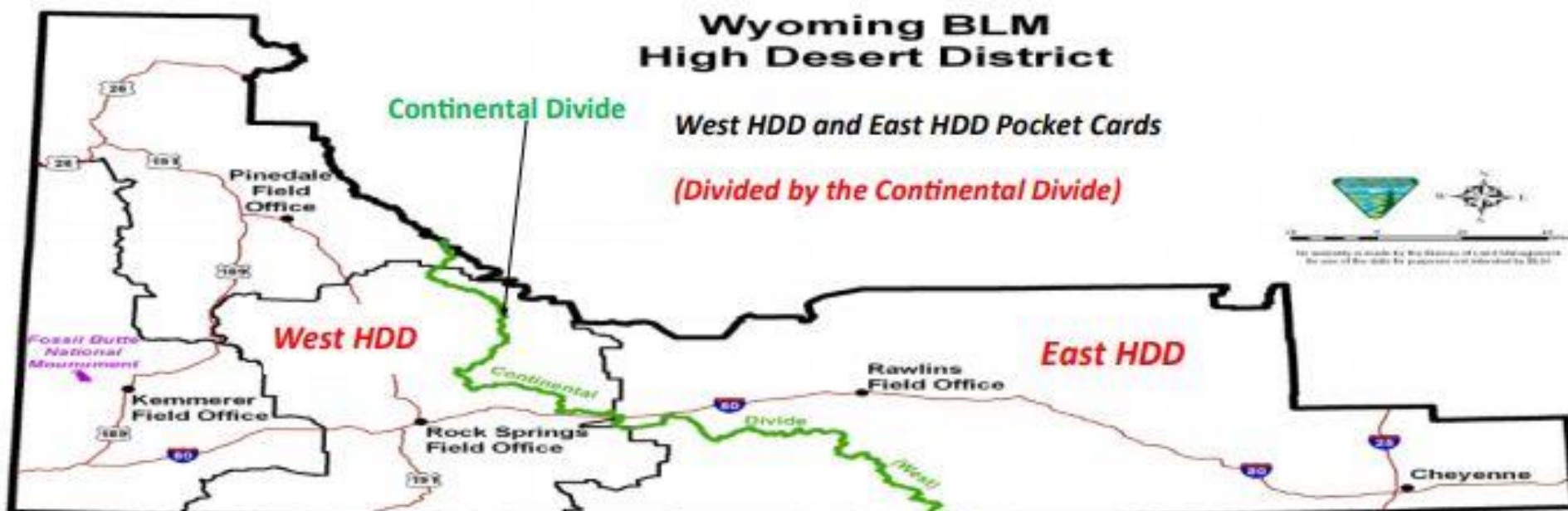
Arapaho - 6/27/12 - 97,959 ac - Lighting Caused - Extreme drought conditions contributed to plume dominated fire growth with significant fire behavior including crown runs. Rough steep terrain and extreme fire behavior caused limitations on suppression actions.

Beaver Creek - 6/19/16 - 38,380 ac - Human Caused - Wind driven fire growth produced crown runs and long distance spotting in beetle killed timber and dead and down fuels. Safety concerns and fire behavior limited suppression actions.

Responsible Agency: BLM

FF+5.0 build 20181229 06/29/2018-15:40 (\\ilm\wyr3ds1.blm.doi.net\...2018 Pocket Cards)

Design by NWCG Fire Danger Working Team



**FIRE WEATHER ZONES**—West HDD—Zone 277, 278, 279, & 289    East HDD—Zones-303, 304 306, 308 309, & 310

